

SHORELINE EROSION CONTROL

Water Quality Impact Assessment

Pursuant to §23.2-9(d)(3) York County Chesapeake Bay Preservation Areas Ordinance

Date: 3/9/2010

CB: 200 -

1. Applicant/Agent: ROYER / MAX BUZARD
Phone Number: 838-5900
2. Property Owner (if different from applicant): MR. JACK CHRISTIE
Property Address: 1114 DANDY LOOP
3. VMRC Number: 10-0306
4. Parcel Identification (GPIN) _____
5. Does County sanitary sewer or an on-site wastewater disposal system serve this lot/parcel? YES
6. Description of the Proposed Project:
RIP-RAP REVETMENT

Please check all that apply or supply quantities for the following:

7. Project Description:
☒ a. Riprap Revetment ☐ b. Tree Removal ☐ c. Re-Grading
☐ d. Bulkhead ☐ e. Fill
8. Will the project require any of the following?
☒ a. Excavation ☐ b. Filling ☒ c. Grading
9. Existing Site Conditions:
☐ a. Heavily Wooded ☐ h. Understory/brush
☐ b. Sparsely Wooded ☐ i. Leaves/needles
☐ c. No Trees ☐ j. Bare Soil
☐ d. Marsh/Swamp ☐ k. Eroding soils/shoreline
☐ e. Stream ☐ l. Waterfront Property
☐ f. Ravine or Ditch ☒ m. Paved
☒ g. Grass/Lawn ☒ n. Other: SAND

10. Impacts on Existing Vegetation in RPA:

- NA
- ☐ a. Number of trees greater than 3" in diameter removed within 50-feet of shoreline
☐ b. Number of trees greater than 6" in diameter removed for construction access
☐ c. Approximate square footage of understory/brush/leaves/needles removed
☐ d. Number of trees to be heavily pruned
☐ e. Number of dead or diseased trees removed
☐ f. Other: _____

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REVISED
PERMIT # <u>10-08</u>
DATE <u>3-9-10</u>
VMRC <u>10-0306</u>

11. Proposed Methods to Minimize Site Impacts:

- ☒ a. Tree protection/barriers
- ☒ b. Single construction/access way
- ☒ c. Stockpile construction materials and debris on hard surfaces
- ☐ d. Barriers to define limits of construction activity/land disturbance
- ☐ e. Any other methods? Please describe: _____

12. Proposed Mitigation Measures:

- ☐ a. Vegetation replacement:
 - ☐ Trees
 - ☐ Mulch of pine needles/bark
 - ☐ Shrubs
- ☐ b. Number of new trees proposed
- ☐ c. Number of new shrubs proposed
- ☐ d. Number of new ground cover plants proposed
- ☐ e. Erosion and sediment control structures utilized:
 - ☐ Temporary Seeding
 - ☐ Silt fence
 - ☐ Construction entrance
 - ☒ Construction Barrier/Fencing
 - ☒ Other: TOP SOIL & SEED CONSTR. ACCESS

13. Please describe the nature and extent of the erosion problem on the site:

STORM SURGE & WAVES

14. Please provide the justification (need) for the project:

TO PROTECT FROM FURTHER SHORELINE EROSION

15. Please provide the basis for selecting the proposed erosion control method:

LEAST HARMFUL TO ENVIRON.

16. Are you seeking or have you already obtained permits from other local, state or federal agencies in conjunction with this project? ☐ Yes ☒ No If yes, please describe:

ATTACH plan with the following information:

- Current survey with dimensions of lot and location of any existing buildings, driveways, decks, sidewalks, etc.
- Location and method of construction access
- Two benchmark distances to each endpoint of the project and at 50-foot intervals
- Location of on-site sewage disposal system (if applicable)
- Location of shoreline, wetlands, stream and Resource Protection Area boundary
- Location and dimensions of proposed project
- Area of land disturbance, clearing, grading and fill
- Erosion and Sediment Control measures
- Location and dimensions of BMP and supporting calculations
- Location of permanent signs and temporary construction fencing
- Location, type and size of existing trees and vegetation in RPA
- Designation of trees to remain and trees to be removed in RPA
- Buffer restoration and replacement planting location and detail

Office Use Only

Recommendations:

Impact on RPA buffer:

CBPA Program Manager:

- ☐ Approved as requested.
- ☐ Approved with the following conditions:

- ☐ Denied.

Date: _____

Signature: _____
CBPA Program Manager